

IDAHO STATE DEPARTMENT OF GROUND WATER MONITORING PROGRAM

A SUMMARY OF REGIONAL PROJECT 790, INCLUDING CASSIA COUNTY

ISDA Well 7900201 Township: 11 S, Range: 21 E, Section: 10

Sample 7/6/1998
3, 5-DICHLOROBEN ACID: 0.019 µg/L

Sample 7/2/2002
DESETHYL ATRAZINE: 0.032 µg/L

ISDA Well 7900401 Township: 10 S, Range: 22 E, Section: 20

Sample 7/6/1998
ATRAZINE: 0.039 µg/L

SIMAZINE: 0.06 µg/L

Sample 7/26/1999
SIMAZINE: 0.027 µg/L

ISDA Well 7900601 Township: 11 S, Range: 22 E, Section: 2

Sample 7/2/2002
DESETHYL ATRAZINE: 0.076 µg/L

ISDA Well 7900701 Township: 10 S, Range: 23 E, Section: 31

Sample 6/19/2000
ATRAZINE: 0.026 µg/L

Sample 7/3/2001
ATRAZINE: 0.029 µg/L

DESETHYL ATRAZINE: 0.043 µg/L

Sample 7/16/2002
ATRAZINE: 0.027 µg/L

DESETHYL ATRAZINE: 0.043 µg/L

ISDA Well 7900801

Township: 11 S, Range: 23 E, Section: 10

Sample 7/7/1998

ATRAZINE: 0.11 µg/L

SIMAZINE: 0.12 µg/L

Sample 7/19/1999

ATRAZINE: 0.14 µg/L

SIMAZINE: 0.024 µg/L

Sample 6/14/2000

ATRAZINE: 0.23 µg/L

SIMAZINE: 0.053 µg/L

Sample 7/3/2001

ATRAZINE: 0.084 µg/L

DESETHYL ATRAZINE: 0.04 µg/L

Sample 7/8/2002

ATRAZINE: 0.061 µg/L

DESETHYL ATRAZINE: 0.03 µg/L

ISDA Well 7900901

Township: 11 S, Range: 23 E, Section: 16

Sample 7/7/1998

ATRAZINE: 0.053 µg/L

Sample 6/14/2000

ATRAZINE: 0.15 µg/L

SIMAZINE: 0.024 µg/L

Sample 7/2/2001

ATRAZINE: 0.058 µg/L

DESETHYL ATRAZINE: 0.033 µg/L

Sample 7/8/2002

ATRAZINE: 0.041 µg/L

DESETHYL ATRAZINE: 0.033 µg/L

ISDA Well 7901001 Township: 11 S, Range: 23 E, Section: 15

Sample 7/20/1999
ATRAZINE: 0.12 µg/L

Sample 6/21/2000
ATRAZINE: 0.3 µg/L

Sample 7/8/2002
ATRAZINE: 0.083 µg/L
DESETHYL ATRAZINE: 0.14 µg/L

ISDA Well 7901101 Township: 11 S, Range: 22 E, Section: 22

Sample 7/7/1998
ATRAZINE: 0.026 µg/L
DACTHAL (DCPA): 3.7 µg/L

ISDA Well 7901401 Township: 11 S, Range: 23 E, Section: 3

Sample 7/6/1998
ATRAZINE: 0.28 µg/L
ATRAZINE: 0.33 µg/L

Sample 6/22/2000
ATRAZINE: 0.18 µg/L

Sample 7/2/2001
ATRAZINE: 0.15 µg/L
DESETHYL ATRAZINE: 0.076 µg/L

Sample 7/16/2002
ATRAZINE: 0.15 µg/L
DESETHYL ATRAZINE: 0.086 µg/L

ISDA Well 7901501 Township: 10 S, Range: 24 E, Section: 31

Sample 7/6/1998
HEXAZINONE: 0.09 µg/L

Sample 7/19/1999
ATRAZINE: 0.12 µg/L

Sample 6/14/2000
ATRAZINE: 0.15 µg/L

Sample 7/2/2001
ATRAZINE: 0.084 µg/L
DESETHYL ATRAZINE: 0.11 µg/L

Sample 7/16/2002
ATRAZINE: 0.067 µg/L
DESETHYL ATRAZINE: 0.091 µg/L

ISDA Well 7901601 Township: 11 S, Range: 24 E, Section: 7

Sample 7/6/1998
2,4-DCBA: 0.93 µg/L
ATRAZINE: 0.071 µg/L

Sample 6/15/2000
ATRAZINE: 0.037 µg/L

Sample 7/2/2001
ATRAZINE: 0.036 µg/L
DESETHYL ATRAZINE: 0.032 µg/L

Sample 7/16/2002
ATRAZINE: 0.031 µg/L
DESETHYL ATRAZINE: 0.031 µg/L

ISDA Well 7901701 Township: 11 S, Range: 23 E, Section: 12

Sample 7/6/1998

ATRAZINE: 0.14 µg/L

DACTHAL (DCPA): 4.4 µg/L

Sample 7/20/1999

ATRAZINE: 0.063 µg/L

SIMAZINE: 0.022 µg/L

Sample 6/15/2000

ATRAZINE: 0.059 µg/L

SIMAZINE: 0.022 µg/L

Sample 6/28/2001

ATRAZINE: 0.096 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

Sample 7/16/2002

ATRAZINE: 0.066 µg/L

DESETHYL ATRAZINE: 0.067 µg/L

ISDA Well 7901801 Township: 11 S, Range: 23 E, Section: 12

Sample 6/15/2000

ATRAZINE: 0.026 µg/L

SIMAZINE: 0.024 µg/L

Sample 6/15/2001

ATRAZINE: 0.033 µg/L

DESETHYL ATRAZINE: 0.059 µg/L

ISDA Well 7901901 Township: 11 S, Range: 23 E, Section: 24

Sample 7/6/1998

ATRAZINE: 0.3 µg/L

HEXAZINONE: 0.085 µg/L

SIMAZINE: 0.64 µg/L

Sample 6/15/2000

ATRAZINE: 0.1 µg/L

SIMAZINE: 0.19 µg/L

Sample 6/28/2001

ATRAZINE: 0.12 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

HEXAZINONE: 0.12 µg/L

SIMAZINE: 0.18 µg/L

Sample 7/10/2002

ATRAZINE: 0.13 µg/L

DESETHYL ATRAZINE: 0.051 µg/L

SIMAZINE: 0.13 µg/L

ISDA Well 7902201 Township: 10 S, Range: 25 E, Section: 31

Sample 6/14/2000

DACTHAL (DCPA): 8.7 µg/L

ISDA Well 7902501 Township: 9 S, Range: 25 E, Section: 19

Sample 7/7/1998

ATRAZINE: 0.018 µg/L

Sample 6/13/2000

ATRAZINE: 0.033 µg/L

ISDA Well 7902801 Township: 10 S, Range: 24 E, Section: 14

Sample 7/13/1998

DACTHAL (DCPA): 0.05 µg/L

ISDA Well 7903001 Township: 9 S, Range: 25 E, Section: 17

Sample 7/13/1998

METOLACHLOR: 0.1 µg/L

ISDA Well 7903101

Township: 9 S, Range: 25 E, Section: 11

Sample 7/13/1998

ATRAZINE: 0.14 µg/L

SIMAZINE: 0.088 µg/L

Sample 6/13/2000

BROMACIL: 1.7 µg/L

DIURON: 0.33 µg/L

ISDA Well 7903201

Township: 10 S, Range: 24 E, Section: 34

Sample 7/13/1998

ATRAZINE: 0.059 µg/L

SIMAZINE: 0.088 µg/L

Sample 7/26/1999

ATRAZINE: 0.082 µg/L

Sample 6/22/2000

ATRAZINE: 0.059 µg/L

SIMAZINE: 0.023 µg/L

Sample 7/2/2001

ATRAZINE: 0.044 µg/L

DESETHYL ATRAZINE: 0.08 µg/L

SIMAZINE: 0.022 µg/L

Sample 7/9/2002

DESETHYL ATRAZINE: 0.04 µg/L

ISDA Well 7903401

Township: 11 S, Range: 24 E, Section: 14

Sample 7/14/1998

DIURON: 0.48 µg/L

ISDA Well 7903501 Township: 11 S, Range: 23 E, Section: 13

Sample 6/15/2000

ATRAZINE: 0.16 µg/L

SIMAZINE: 0.045 µg/L

Sample 6/28/2001

ATRAZINE: 0.15 µg/L

DESETHYL ATRAZINE: 0.1 µg/L

Sample 7/15/2002

ATRAZINE: 0.094 µg/L

DESETHYL ATRAZINE: 0.059 µg/L

SIMAZINE: 0.031 µg/L

ISDA Well 7903601 Township: 11 S, Range: 23 E, Section: 5

Sample 6/21/2000

ATRAZINE: 0.29 µg/L

Sample 7/3/2001

ATRAZINE: 0.099 µg/L

DESETHYL ATRAZINE: 0.053 µg/L

Sample 7/16/2002

ATRAZINE: 0.1 µg/L

DESETHYL ATRAZINE: 0.068 µg/L

ISDA Well 7903701 Township: 10 S, Range: 23 E, Section: 31

Sample 7/14/1998

ATRAZINE: 0.036 µg/L

DIURON: 0.34 µg/L

Sample 6/19/2000

DIURON: 0.13 µg/L

PROMETON: 0.08 µg/L

Sample 7/2/2001

DESETHYL ATRAZINE: 0.027 µg/L

PROMETON: 0.069 µg/L

Sample 7/17/2002

DESETHYL ATRAZINE: 0.03 µg/L

ISDA Well 7903801 Township: 10 S, Range: 22 E, Section: 26

Sample 7/14/1998
2, 4-DCBA: 0.57 µg/L
ATRAZINE: 0.039 µg/L
DACTHAL (DCPA): 0.052 µg/L
SIMAZINE: 0.16 µg/L

Sample 7/8/1999
SIMAZINE: 0.02 µg/L

Sample 6/20/2000
ATRAZINE: 0.026 µg/L
SIMAZINE: 0.025 µg/L

ISDA Well 7903901 Township: 11 S, Range: 22 E, Section: 10

Sample 7/14/1998
ATRAZINE: 0.073 µg/L

Sample 6/26/2000
ATRAZINE: 0.057 µg/L

Sample 7/3/2001
ATRAZINE: 0.045 µg/L

Sample 7/17/2002
ATRAZINE: 0.04 µg/L

ISDA Well 7904001 Township: 10 S, Range: 22 E, Section: 32

Sample 7/14/1998
2, 4-DCBA: 0.36 µg/L
ATRAZINE: 0.038 µg/L
SIMAZINE: 0.16 µg/L

ISDA Well 7904101 Township: 12 S, Range: 22 E, Section: 30

Sample 7/14/1998
2, 4-DCBA: 0.62 µg/L

Sample 6/26/2000
ATRAZINE: 0.027 µg/L
ATRAZINE: 0.035 µg/L

Sample 7/3/2002
DESETHYL ATRAZINE: 0.026 µg/L

ISDA Well 7904201 Township: 13 S, Range: 22 E, Section: 6

Sample 7/14/1998

2, 4-DCBA: 0.54 µg/L

ATRAZINE: 0.042 µg/L

ISDA Well 7904501 Township: 10 S, Range: 23 E, Section: 34

Sample 7/15/1998

ATRAZINE: 0.02 µg/L

Sample 7/17/2002

DESETHYL ATRAZINE: 0.036 µg/L

ISDA Well 7904601 Township: 8 S, Range: 24 E, Section: 25

Sample 7/29/1997

ATRAZINE DESETHYL: 0.016 µg/L

ATRAZINE: 0.003 µg/L

Sample 7/18/2002

DESETHYL ATRAZINE: 0.028 µg/L

ISDA Well 7905201 Township: , Range: , Section:

Sample 7/9/2001

ATRAZINE: 0.12 µg/L

DESETHYL ATRAZINE: 0.091 µg/L

ISDA Well 7905301 Township: , Range: , Section:

Sample 7/9/2001

ATRAZINE: 0.057 µg/L

DESETHYL ATRAZINE: 0.046 µg/L

ISDA Well 7905401 Township: , Range: , Section:

Sample 7/9/2001

METRIBUZIN: 0.084 µg/L

SIMAZINE: 0.023 µg/L

ISDA Well 7905501 Township: , Range: , Section:

Sample 7/9/2001

ATRAZINE: 0.08 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

SIMAZINE: 0.033 µg/L

ISDA Well 7905601 Township: , Range: , Section:

Sample 7/9/2001
ATRAZINE: 0.098 µg/L
DESETHYL ATRAZINE: 0.092 µg/L

ISDA Well 7905701 Township: , Range: , Section:

Sample 7/9/2001
ATRAZINE: 0.077 µg/L
DESETHYL ATRAZINE: 0.068 µg/L

ISDA Well 7905801 Township: , Range: , Section:

Sample 7/10/2001
ATRAZINE: 0.025 µg/L
DESETHYL ATRAZINE: 0.045 µg/L
METRIBUZIN: 0.054 µg/L
SIMAZINE: 0.027 µg/L

ISDA Well 7905901 Township: , Range: , Section:

Sample 7/10/2001
ATRAZINE: 0.062 µg/L
DESETHYL ATRAZINE: 0.037 µg/L

ISDA Well 7906001 Township: , Range: , Section:

Sample 7/10/2001
ATRAZINE: 0.05 µg/L
DESETHYL ATRAZINE: 0.078 µg/L

ISDA Well 7906101 Township: , Range: , Section:

Sample 7/10/2001
ATRAZINE: 0.12 µg/L
DESETHYL ATRAZINE: 0.094 µg/L
DEISOPROPYL ATRAZIN: 0.08 µg/L
SIMAZINE: 0.065 µg/L

ISDA Well 7906201 Township: , Range: , Section:

Sample 7/10/2001
ATRAZINE: 0.06 µg/L
DESETHYL ATRAZINE: 0.041 µg/L

ISDA Well 7906401 Township: , Range: , Section:

Sample 7/10/2001
DESETHYL ATRAZINE: 0.027 µg/L

ISDA Well 7906601 Township: , Range: , Section:

Sample 7/11/2001
ATRAZINE: 0.2 µg/L
BROMACIL: 0.15 µg/L
DESETHYL ATRAZINE: 0.051 µg/L
DIURON: 0.11 µg/L
HEXAZINONE: 0.18 µg/L
SIMAZINE: 0.038 µg/L

ISDA Well 7906701 Township: , Range: , Section:

Sample 7/11/2001
ATRAZINE: 0.11 µg/L
DESETHYL ATRAZINE: 0.29 µg/L
HEXAZINONE: 0.2 µg/L

ISDA Well 7906801 Township: , Range: , Section:

Sample 7/11/2001
ATRAZINE: 0.45 µg/L
DESETHYL ATRAZINE: 0.19 µg/L

ISDA Well 7906901 Township: , Range: , Section:

Sample 7/11/2001
ATRAZINE: 0.087 µg/L
DESETHYL ATRAZINE: 0.079 µg/L
HEXAZINONE: 0.42 µg/L
SIMAZINE: 0.13 µg/L

ISDA Well 7907001 Township: , Range: , Section:

Sample 7/11/2001
ATRAZINE: 0.11 µg/L
DESETHYL ATRAZINE: 0.29 µg/L
SIMAZINE: 0.077 µg/L

ISDA Well 7907201 Township: , Range: , Section:

Sample 7/11/2001

BROMACIL: 3.5 µg/L

DESETHYL ATRAZINE: 0.083 µg/L

IDAHO STATE DEPARTMENT OF AGRICULTURE

GROUND WATER MONITORING PROGRAM

Pesticide Index

| Pesticide | EPA Reference (measured in Parts per |
|-------------------|--------------------------------------|
| ATRAZINE | 3 MCL |
| ATRAZINE DESETHYL | 35 RfD |
| BROMACIL | 100 RfD |
| DIURON | 9 RfD |
| HEXAZINONE | 200 RfD |
| METOLACHLOR | 100 HAL |
| METRIBUZIN | 13 RfD |
| PROMETON | 15 RfD |
| SIMAZINE | 4 MCL |

MCL: EPA-established standard, Maximum Containment Level

Rfd: EPA-established standard, Reference Dose for a 10-kg Child

HAL: EPA-established standard, Health Advisory Limit

* For questions or comments regarding this data or other water quality issues, please contact Rick Carlson

Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.